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5 COMPOSITIONS AND METHODS FOR INHIBITING CELLULAR
PROLIFERATION COMPRISING TFPI FRAGMENTS

[FIELD OF THE INVENTION]

10 [The present invention relates to methods and
compositions for the inhibition of cellular proliferation. More
particularly, the present invention relates to the use of tissue
factor pathway inhibitor proteins or peptides, and active
fragments thereof, for inhibiting angiogenesis and angiogenesis-
related diseases.]

15

CROSS-REFERENCE TO RELATED APPLICATIONS

20 This[is a] is a continuation[-in-]-in-part
application[of U.S.] of U.S. Patent Application Serial[No.
09/766,778] No. 09/766,778 filed January[22, 2001,] 22,
2001, which[is a] is a continuation application[of U.S.] of
U.S. Patent Application Serial[No. 09/227,995] No.
09/227,955 filed January 11, 1999 (now abandoned) which is a
continuation of U.S. Patent Application Serial No. 08/796,850
25 now U.S. Patent No. 5,981,471 issued November 9, 1999. This
is also a continuation-in-part application of U.S. Patent
Application Serial No. 09/130,273 filed August 6, 1998 which is
a continuation-in-part of U.S. Patent Application Serial No.
08/796,850 now U.S. Patent No. 5,981,471 issued November 9,
30 1999.

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BACKGROUND OF THE INVENTION

30 Cellular proliferation is a normal ongoing process
in all living organisms and is one that involves numerous factors
and signals that are delicately balanced to maintain regular
cellular cycles. The general process of cell division is one that
consists of two sequential processes: nuclear division (mitosis),
35 and cytoplasmic division (cytokinesis). Because organisms are
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